BRUHAT BANGALORE MAHANAGARA PALIKE, YALAHANKA ZONE

Executive Engineer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

SCHEDULE-B

Name of Work Detailed Estimate for the Improvements of Roads (UGD Laying Roads)and Drains in Sandyagappa reddy layout, Mariyannapalya in ward No. 7 Byatarayanpura, Kodigehalli sub division.

Sl. No	Approved Quantity	Description	Unit	Sanctioned Rates	
				In Figures	In Words
1	3055.80	Removing BS Slab of drain and stacking.	Sqm	50.11	
2	2444.64	Refixing stone slabs of drains and pointing in CM 1:3.	Sqm	70.04	
3	611.16	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (7.50cms thick)	Sqm	343.44	
4	333.36	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after break	cum	65.88	
5	6100.00	KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material within all lifts and leads upto 1000 metres complete as per specifications.MORTH Specification No.	Sqm	16.47	
6	4420.00	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete	cum	4.05	
7	1278.80	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform	cum	1121.04	
8	6394.00	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete	Sqm	44.28	
9	159.85	KSRRB M500-18. Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of	cum	9794.52	
11	77.76	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in	cum	151.74	
12	12.96	KSRB 4-1.2: Providing and laying in position plain cement concrete of 1 mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers no	cum	4497.12	
13	34.56	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials,	Sqm	3549.96	

Sl. No	Approved Quantity	Description	Unit	Sanctioned Rates	
				In Figures	In Words
14	**50.33**	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.	Sqm	224.64	
15	**19.87**	KProviding and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc.,	cum	6468.12	
16	**19.87**	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever ne	Qtl	7380.72	
17	**28.80**	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.119.I.No. 15.3) SR-2	Sqm	79.92	
18	**335.00**	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km (Page No.141)	cum	72.71	

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